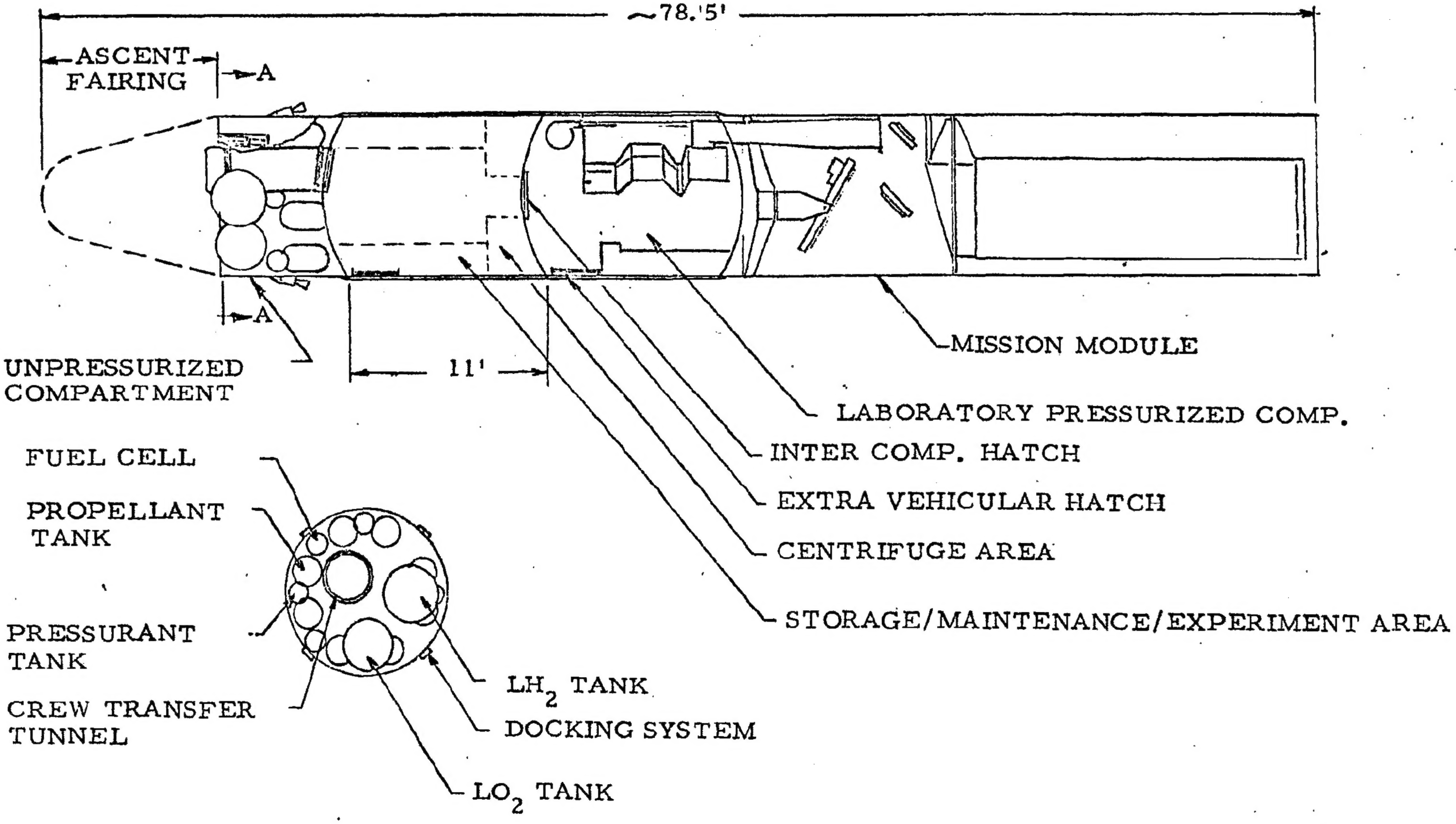
FIGURE 1

RENDEZVOUS INITIAL VEHICLE CONFIGURATION
(DUAL COMPARTMENT LABORATORY)



VIEW A-A

FIGURE 2

RENDEZVOUS/RESUPPLY VEHICLE - "VERTICAL" DRV ARRANGEMENT

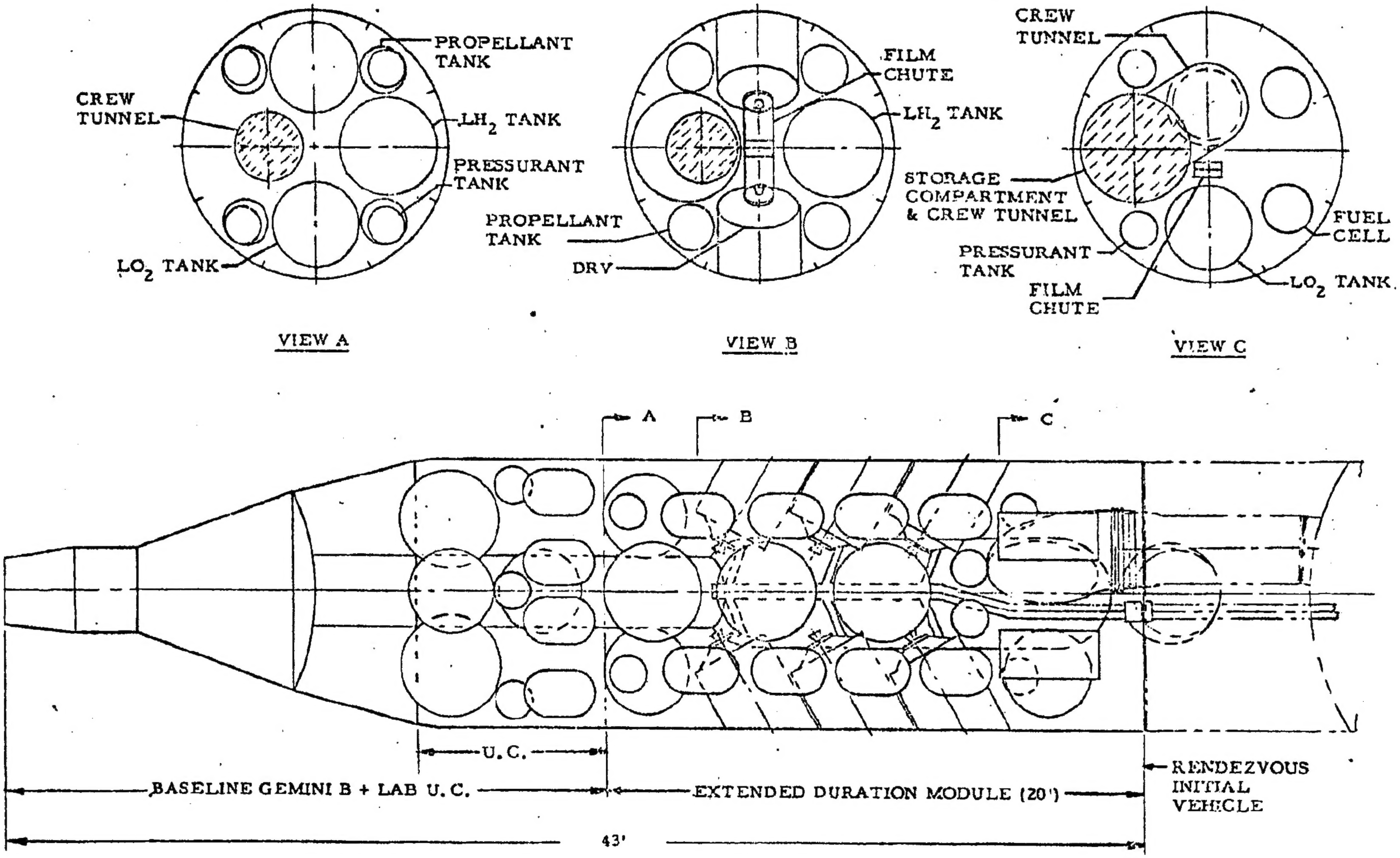
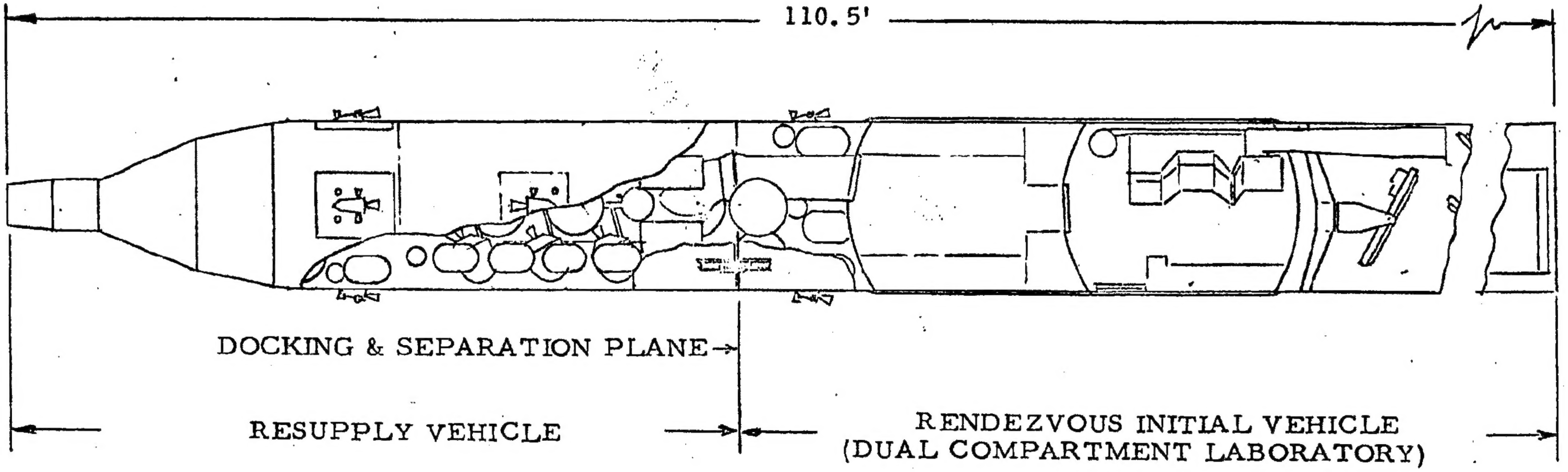


FIGURE 3

RENDEZVOUS ORBITING VEHICLE FUNCTIONS

(NOMINAL 60 DAY RESUPPLY CYCLE)


110.5'
DOCKING & SEPARATION PLANE
RESUPPLY VEHICLE
RENDEZVOUS INITIAL VEHICLE
(DUAL COMPARTMENT LABORATORY)

RRV FUNCTIONS

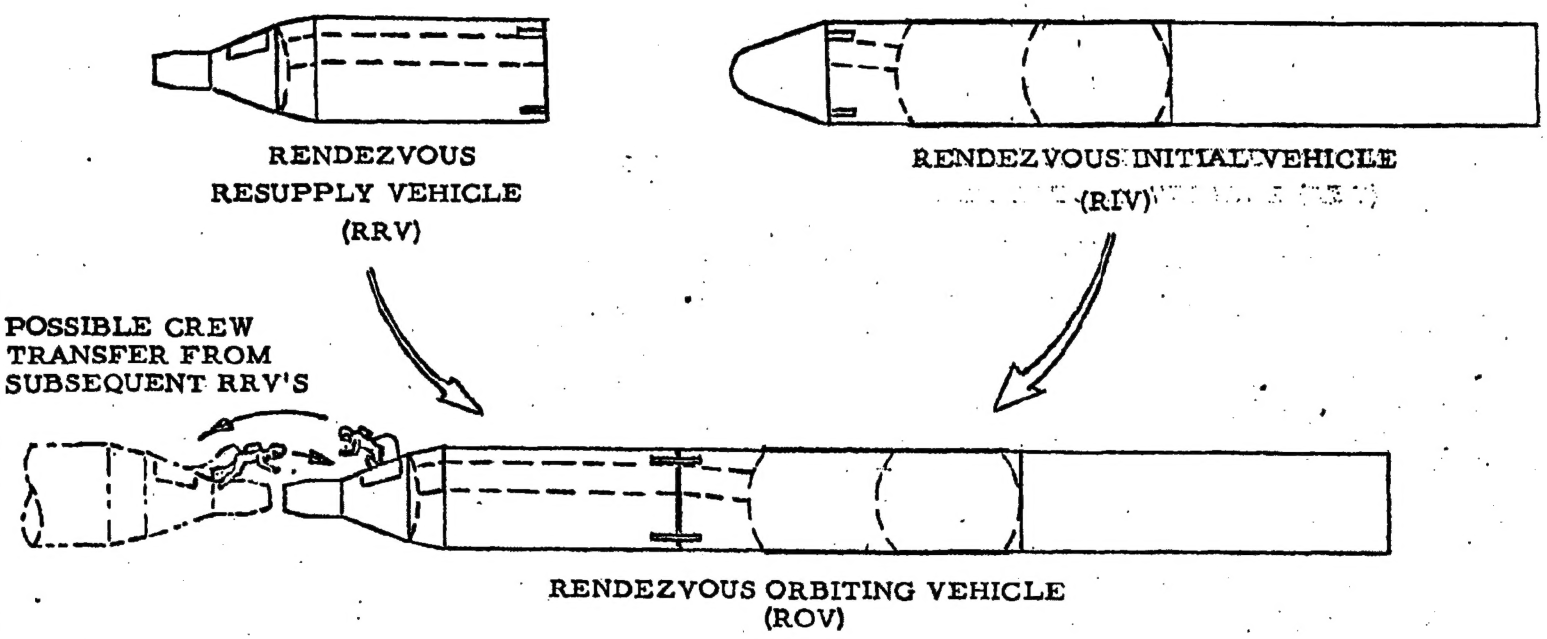
- CREW TRANSPORT VEHICLE
- ACTS PROPULSION
- PRIME POWER SYSTEM
- LIFE SUPPORT EXPENDABLES
- DATA RETURN SYSTEM
- SUBSYSTEM SPARES/REPLACEMENTS

RIV FUNCTIONS

- LIFE SUPPORT SYSTEM
- ATTITUDE CONTROL REFERENCE/ ELECTRONICS
- COMMUNICATIONS AND DATA HANDLING
- ENVIRONMENTAL CONTROL
- HRO SYSTEM

FIGURE 6
2 MAN DUAL COMPARTMENT LABORATORY CONFIGURATION

(COMBINED MISSION)


RENDEZVOUS RESUPPLY VEHICLE (RRV)
RENDEZVOUS INITIAL VEHICLE (RIV)
POSSIBLE CREW TRANSFER FROM SUBSEQUENT RRV'S
RENDEZVOUS ORBITING VEHICLE (ROV)

RRV FUNCTIONS

- CREW TRANSPORT VEHICLE
- ACTS PROPULSION
- PRIME POWER
- LIFE SUPPORT EXPENDABLES
- DATA RETURN SYSTEM
- SUBSYSTEM SPARES/REPLACEMENTS

RIV FUNCTIONS

- LIFE SUPPORT SYSTEM
- ATTITUDE CONTROL REF. ELECTRONICS
- COMMUNICATIONS AND DATA HANDLING
- ENVIRONMENTAL CONTROL
- PERFORMANCE DATA